

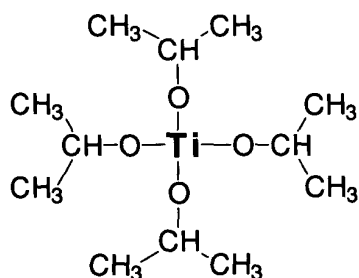
WHAT IS CLAIMED IS:

1. A photoconductive imaging member comprised of a hole blocking layer, a photogenerating layer, and a charge transport layer, and wherein the hole blocking layer is generated from a solution of a metal alkylaloxide, an amino alkylsilane, an aminoalkoxy silane or an aminoalkyl alkoxy silane, a polymer binder, and an organic solvent.

2. A photoconductive imaging member in accordance with **claim 1** wherein said metal alkylaloxide is a titanium alkylaloxide.

3. A photoconductive imaging member in accordance with **claim 1** wherein said metal alkylaloxide is a titanium alkylaloxide of titanium isopropoxide.

4. A photoconductive imaging member in accordance with **claim 1** wherein said metal alkylaloxide is a titanium isopropoxide of the formula:

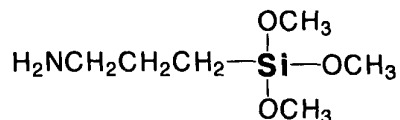


5. A photoconductive imaging member in accordance with **claim 2** wherein said titanium alkylaloxide is titanium methoxide, titanium butoxide, zirconium butoxide or titanium ethoxide.

6. A photoconductive imaging member in accordance with **claim 1** wherein said silane is a trimethoxysilane, said binder is a vinyl halide, and said solvent is a ketone, or an alcohol.

7. A photoconductive imaging member in accordance with **claim 1** wherein said silane is 3-aminopropyl trimethoxysilane, said alkyloxide is a titanium alkyloxide of titanium isopropoxide, said solvent is a ketone, said binder is a vinyl polymer of poly(vinyl chloride-co-vinyl acetate), poly(vinyl chloride-co-vinyl acetate-co-vinyl alcohol), poly(vinylidene chloride-co-methyl acrylate) or poly(vinyl chloride-co-isobutyl vinyl ether).

8. A photoconductive imaging member in accordance with **claim 1** wherein said silane is



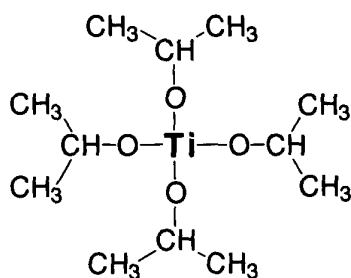
and said silane is present in an amount of from about 5 to about 95 weight percent, said metal alkoxide is a titanium alkyloxide present in an amount of from about 95 to about 5 weight percent, and about 5 to about 95 percent of said polymer binder is present.

9. A photoconductive imaging member in accordance with **claim 1** wherein there is present from about 20 to about 80 weight percent of said alkyloxide of titanium alkyloxide, about 80 to about 20 weight percent of said silane of 3-aminoalkyl silane, and about 15 to about 80 percent of said binder.

10. A photoconductive imaging member comprised of an optional supporting substrate, a hole blocking layer, a photogenerating layer, and a charge transport layer, and wherein the hole blocking layer is comprised of a titanium alkyloxide, an amino silane, and an optional polymer binder.

11. A photoconductive imaging member in accordance with **claim 10** wherein said alkyloxide is a propoxide.

12. A photoconductive imaging member in accordance with **claim 10** wherein said titanium alkyloxide is a titanium isopropoxide of the formula



13. A photoconductive imaging member in accordance with **claim 10** wherein said titanium alkyloxide is titanium methoxide, titanium butoxide, zirconium butoxide or titanium ethoxide.

14. A photoconductive imaging member in accordance with **claim 10** wherein said silane is a trimethoxysilane, and optionally wherein said binder is a vinyl halide.

15. A photoconductive imaging member in accordance with **claim 10** wherein said silane is 3-aminopropyl trimethoxysilane, said titanium alkoxide is titanium isopropoxide, and said binder is a vinyl polymer of poly(vinyl chloride-co-vinyl acetate-co-vinyl alcohol).

16. A photoconductive imaging member in accordance with **claim 10** wherein there is present from about 5 to about 95 weight percent of said titanium alkoxide, about 95 to about 5 weight percent of said silane, and about 5 to about 95 percent of said binder.

17. A photoconductive imaging member in accordance with **claim 10** wherein there is present about 20 to about 80 weight percent of said titanium alkoxide, about 80 to about 20 weight percent of said silane of an aminoalkyl alkoxy silane, and about 15 to about 80 percent of said binder.

18. A photoconductive imaging member in accordance with **claim 10** wherein said hole blocking layer is of a thickness of from about 0.01 to about 30 microns.

19. A photoconductive imaging member in accordance with **claim 10** wherein said hole blocking layer is of a thickness of from about 0.1 to about 8 microns.

20. A photoconductive imaging member in accordance with **claim 10** comprised in the following sequence of a supporting substrate, said hole blocking layer, an optional adhesive layer, said photogenerating layer, and said charge transport layer, and wherein the charge transport layer is a hole transport layer.

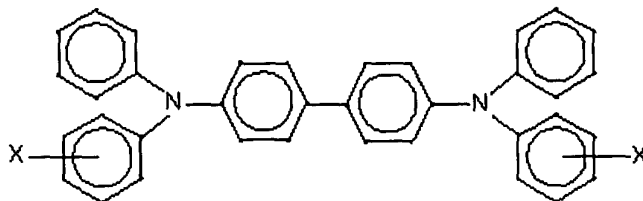
21. A photoconductive imaging member in accordance with **claim 20** wherein the adhesive layer is present and is comprised of a polyester with an  $M_w$  of about 45,000 to about 75,000, and an  $M_n$  of from about 30,000 to about 40,000.

22. A photoconductive imaging member in accordance with **claim 10** containing a supporting substrate comprised of a conductive metal substrate of aluminum, aluminized polyethylene terephthalate or titanized polyethylene terephthalate.

23. A photoconductive imaging member in accordance with **claim 10** wherein said photogenerator layer is of a thickness of from about 0.05 to about 10 microns, and wherein said transport layer is of a thickness of from about 10 to about 50 microns.

24. A photoconductive imaging member in accordance with **claim 10** wherein said photogenerating layer is comprised of a photogenerating pigment or photogenerating pigments dispersed in a resinous binder, and wherein said pigment or pigments are present in an amount of from about 5 percent by weight to about 95 percent by weight, and optionally wherein said binder is selected from the group comprised of vinyl chloride/vinyl acetate copolymers, polyesters, polyvinyl butyrals, polycarbonates, polystyrene-*b*-polyvinyl pyridine, and polyvinyl formals.

25. A photoconductive imaging member in accordance with **claim 10** wherein said charge transport layer comprises aryl amines, and which aryl amines are of the formula



wherein X is selected from the group consisting of alkyl, alkoxy and halogen.

26. A photoconductive imaging member in accordance with **claim 25** wherein said aryl amine is *N,N'*-diphenyl-*N,N'*-bis(3-methyl phenyl)-1,1'-biphenyl-4,4'-diamine.

27. A photoconductive imaging member in accordance with **claim 10** wherein the photogenerating layer is comprised of metal phthalocyanines, or metal free phthalocyanines.

28. A photoconductive imaging member in accordance with **claim 10** wherein the photogenerating layer is comprised of titanyl phthalocyanines, perylenes, or hydroxygallium phthalocyanines.

29. A photoconductive imaging member in accordance with **claim 10** wherein the photogenerating layer is comprised of Type V hydroxygallium phthalocyanine.

30. A photoconductive imaging member in accordance with **claim 1** wherein said solvent is methyl ethyl ketone.

31. A method of imaging which comprises generating an electrostatic latent image on the imaging member of **claim 1**, developing the latent image, and transferring the developed electrostatic image to a suitable substrate.

32. A photoconductive imaging member comprised of a supporting substrate, a hole blocking layer, a photogenerating layer, and a charge transport layer, and wherein the hole blocking layer is comprised of titanium isopropoxide, or 3-aminopropyl trimethoxysilane, and said binder is poly(methyl methacrylate), poly(vinyl chloride-co-vinyl acetate-co-vinyl alcohol), or a poly(vinyl butyral).

33. A photoconductive imaging member in accordance with **claim 1** and comprised of said hole blocking layer, said photogenerating layer, and said charge transport layer, and wherein the hole blocking layer is generated from a solution of a metal alkoxide, an aminoalkyl alkoxy silane, a polymer binder of a poly(methyl methacrylate), or a vinyl chloride copolymer, and said organic solvent.